



The Amiga best seller has been upgraded



Will it he the STPC or the STMAC? Find out....



Is this the worst sequel ever made? The Philips PCL203, Are you paying through the nose for a name? - p53

DU CA

ECES: Europe's biggest computer leisure expo is closed to the public - page 4

FRAUD: bosses blamed Computer crime: is it on the increase?



for under £30 - p49



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YOUR MACHINE

Should the ST emulate the Mac or the PCT Vegeonce Bottle Zone, Papeyed, Ludo Book the Gook and BPD2 quizz from the Public

MACINTOSH

CONSOLES

Letters Amiga ST PC CPC

COVER FEATURE

The show goes on, but.... The ECES is open to trade only. so where does that leave you?

REVIEWS -

Create your accounts in a new dimension Make your figures come to life with 3-D Calc Spreadsheet. a law cost package with some special features - page 49



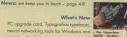
Powerful portability The memory of an elephant within a mouse-sized body - the Philips PCL 203 notebook is put to test - page 53

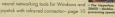
FFATURE ---

The corporates confess... 35 per cent of managers and supervisors commit computer frauds - page 54/55

----EVERY WEEK

What's New PC upgrade card, Typografica typefaces,







Games Wook Tips, news and review of Nebulus 2 - page 50

Could you be a winner? Turn to page 58 to see if you've got the goodies!

SHOPPING EXPRESS 13 C64 16 Spectrum 23 On-line 19 Whole Wired PD Column 28 Event Horizon 47

Europe's biggest computer-related expo runs **DOORS SHUT**

was to be held at Ear's Court 2 between 6 and 8

CHANGE OF PLAN

Exhibitors expected to attend included Commodore exhibitors in order to discover exactly why the public side of

MIXED RECEPTION



Computer Entertainment Show in September, at Earl's Court 2. Unlike last year's show when it was open to the public, this year's exhibition is

public away from the show with the aid of radio advertising members of the public will show up as the pre-booked tick-

> . Live the life of Gordon Gekko by wheeling and dealing on Trader

Advent of the slim drive



smaller thanks to a new Mitsubishidesigned floppy drive which is barely larger than the disks you put inch dive designed for use with notebook and laptop PCs. It is just

Not set commercially available. company, gold no more than a standard 3.5-inch daik drive.

Trading places Todays, from Linel is a trading ing and selling of commodities in

order to make a profit. While doing this you can play other sub-pames. For down steen day be

this for its release of Tilt, its new put

process, including beer muss and Both cames are available now EXPRESS... Maurice Hamlin, the MD of Lancashire-based software charged with drug-trafficking offences relating to 25 million

... SNIPPET

· End of level guardian appear in Cardiaxx. hich is new on the

Printer price slashed

NEC has reduced the price of its 25pin wide carriage P70 printer by The P70 can print over 136 second (cpr) for letter quality to 300 dert forts and Windows 10 driver

4 • NEW COMPUTER EXPRESS • 17 AUGUST 1991

Bargains for the ST

Fast scroller Adding its name to the streams of

shoot-lem-ups betting to get lette It claims to be the fastest

on weapons, a special two player mode and huge end of level Cardiaux will be released on 30 into trouble as show goes trade only

ON PUBLIC

WHAT THE EXHIBITORS THINK ...

We sooke to a number of

decision. It doesn't change our

Peter Walker of Atart: "We are Kelly Summer of Commodors: "It

Clare Edgely of Domark: "We impact to carry over to

Nick Alexander of Virgin



This will grab you! Heracities, hero of the Son of Zees, has to free the gods trapped by

Electronic Zop will also release The Magic Gordon, a cub scrolling arcade action game, will be available on 30 November.

· PC Format will be launched on 26 September Supermouse

Looketh has developed a moune

especially for working with three

Get ready for PC Format

If you've got a PC compatible or ther are capable of thee you Publishing's new magazine PC Formut, 'the modern guide to personal leisure computino'.

osotics, nusic, pines, stateway

The 15-inch version costs

The great

Two new versions of the Mass Breakout comms software for the

name supports, a LAN Flacel Area Mass Breakout 2 will cost you

EXPRESS...

Production models should be available early in 1992.

mpire blitz

NEWS

NIBBLES

Royal approval

Look, no leads!

kerning, scaling, rotation and

New fonts

Tense, nervous headache?



40Mb hard drive, for example, is down Notebook with 20Mb hard drive has

Rugged cuts

ducing rupped hard-wearing

from GRiD

Established software boss warns small games publishers: MERGE OR FACE FINANCIAL RUIN"

roducing games like Graham



All you need is love (and bananas)



· InTop Banana you can

powerful weapon - lovel

SHOOT FROM THE LIP

"We still fundamentally believe that a consumer show Nell Wood, FMAP's subbitions director taking

"The Gravis speaks a word and the word is quality...it"

Tet another Spectravideo press release for a What are these people on? III

SONY TO BUILD MAC NOTEBOOK

WHAT AGREEMENT?



REALLY CRUCIAL



Simple alaebra

Pulling faces

pular system that could win first

EXPRESS... NeXT Computers has

... SNIPPET

Visual imagery Golden Image has launched a revarancel version.

The Golden Image MARK II band scanne

The MARK I Hand Scanners are preliable



New dimension to role playing

DEED DR RU Signment will be available

AST considers Relive those golden moments... Fmerald Isla

AST Research is set to announce details of a new European plant to supply the company's PCs to the

astablish a sound user base in

Years of Match of the Grey and 157 Greatest Great It

Kick Off players send off your recurite goals and they may be



Comfy VR

TOMORROW'S **CUTTING EDGE**

What's the next step in the evolution of computing? Find out here, right now, on this page...

Faster chip off the block

I ship with 10 times the processing power of most

Like, yeah dude! E-by mail

which enables E-mail users on than anonymous rodes.

Rovever, a magazine called

Smart money

Times?

We are the holograms

lograms look real, if a little out of facus.

is too diffoult. Over though a small training segment is





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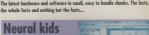
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 The Newsletter collection some strong headline fonts to

includic Timeworks Publisher, Page-MDAirs,

-

Hastersystem Games playing, eye-to-hand co-ordination,

ordination needs o an infra-red

Josefick and infra-red ion COMPATIBILITY Amics, CSI, Atari VCS, Sept.

Perceived competition: None as far as the

tors for the location.

Sticks of joy

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dourest database output



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ART PACKAGE - £89.95: Photon Paint 2.0 - By MicroNumber ... \$89.95 TOTAL BRP: \$319.73

PANCE MATCH: No normally match competitions on a "Same product estrate/SHED 12 YEARS' Truen task record in professional committees of Education - American Subsection professional committees of Education - American Subsection (Education - American Subsection - American - Amer



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A 16-Bit

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Haydn Fitz-Williams gets to the heart of the matter this week with your views on Public Domain pornography, games pirates and gives you a chance to voice your views on what you think of Expre

Plain insulting

Should you not be cautious – your response to P Young's letter in issue 142 – about the PMv2 — Although PRz' only means 'son of', it is – and I quote my encystopedia – 'specially used to indicate natural sons of regal

youter advant sons of repail
off. So perhaps you are a right
all bastand after all.
PS. Only joking
Alian D Cox
St Clears

YES, AND CHECK OUT King Learns see just what they can do. (For the mon pedantic amongst you, I do realise that Edman is not in fact royal, but you still

Confessions

I too most confess to pirating software, but recently I saw that it was useless, and did more harm to the pathware inclusivy than I

to tell you (and the public) why.

I pirated software because I was not strong enough to break away from the crowd a suitable shouse would be "I followed the

phrase would be 'I followed the sheep'. The fact was everyone else was pirating, getting away with it

So I started pirating and at one point I had or contacts in some of the

contacts in some of the major groups. Eventually the novelty wo off and the endless streams of

me and I gave it up.
But the novelty were off only two weeks into my swapping days what about the other nine and a

hell months?

Well the swapping was really a cover-up to have a good time and reset friends, at all the shows you could go and meet new contacts, a

people down from the north there a good time.

The point is that many plrateers are not infact trying the companies off but find it.

both confortable with.

But don't get me wrong, this not an excuse for my actions, but more the reason for why we

produce demos then my life as born again buyer of software would be easier. Thanks for listening... PS. If this letter is to be

stening...
PS. If this letter is to be necluded please until my name drives since I still knew a lot eople who would be worried as going to start giving out !

address and name to FAST.

This I would not do – and If I did I don't think I would sunrive SII the end of the week... thanks.

PPS Any donations to my fund to buy Per Pail would be contributly accretised.

AN Somewhere in England E OF YOUR PS is quite

THE LAST LINE OF YOUR PS is quite fascinating. I would have thought that fiving in fear of your life is an excelent

not to get involved with this propusing. But maybe you're disposer in exp pas? a any one know of any ganglan eatings or even firmats ever een made on account of

seen made on account or w blainds or Kick Off? We would used to hear. for the rest of the points you ou're right, getting together and people is no justification for if these people are that keen to

proper a na parametra na infree people are that keen to they could at least try to use a at expertise to produce acrose sity games. They could even as tware house which markets are assert to rip other mers off.

PD magic

in as seen painting on whang the above for several menths. In this week's ACE you raise another boary (whorey?) chestrus: – pamagraphy, so I thought I'd raise are two centrath.

monopoly and reduce its chia (The miss-spelling is delibers are against porn being availed people under the age of 18. It can be sent abroad to kill. Its sarely you have the right to it

I am against the namy state, a situation which has worsened under the guidance of the most tyramical namy this century. Form is blamed for all kinds of crimes, particularly those of a violent Denmark have proved that the not necessarily a link between

the apposits.
At 27 i have seen most to of porn from the sickening to innocent (page three), it does me wonder with goes on in people's minds. I've seen so porn-but none of it was parks seawily amusing. Some of it with the authority of the company of the people's minds. I've seen so porn-but none of it was parks seawily amusing. Some of earthboth authority waste of earthboth authority waste of the company of the people of the people

programming ability. What does surprise me is 1 sysops and PO libraries blame 1 punters. They are responsible 1 any pixtured software, or porn, in their catalogue but 1 think we all 1 to concerned about the possible effects of unasyoury

The tabloid press made of the connection between the AMBO times and the Hung massacrs. Where were their icurralists when it was more

te any similar ones?
We Hindley and Bradey mad
mention of porn in connection
their despicable acts.
I believe many sick reco

ne PO nonno moves, come y nonno moves, y nonno

page should be at least three pages long and the term is "be breath" not "balled breath" as recomputer journo's seem to this live seen the latter in more computer mags then you coil shake your rod at.

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Now much cost this issue
 to you everal!

 How does it compare with
 previous issues you've seec?

5. Rate out of ten this and a computer magazines you re regularly. NEW COMPUTER FARRESS. least about this issue?
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PAGE HEADING

ON THE COUCH

SHOPPING EX

WELL BILL, I HAD TO BUTCHER THIS

Come together?

suggesting a self-financed

I actually got to see some of

· To control the pomography available if not to ban it, to

reliable. The results of this are

biggest PO libraries in the country

alone speaks for itself. I would ask before it is too late and legal

Self regulatory bodies - like FAST - have been shown to be in

BOY, SORRY FOR NOT informing you money in pors-legible ED companies to

Service!

purchased an Abri STE some

The software selected

Imagine our surprise when we

Needless to say, Jennix will "

Sexist or sexy?

I have never regarded New phallic. If it is "really aiming to

handling" and trippers? I'm

Vic rubbed

NOT LINTIL NAPOLEON (YEARTS #

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PC Magazine

Computer

MUSIC Systems Ltd. 17 AUGUST 1991 . NEW COMPUTER EXPRESS . 19

It appears that the by-word is

go it alone. However, firms in niche establish a set of movements for

DOS 5 CORNER

case. With this growth comes bigger

NEW SHARPER PEN

testures specifically New features include such will allow you to create simplified

@ Witnesd Willy is an

ediro.

e Codemasters' Quattro Cartoon reviewed e Help for 3.5-inch disk drive owners Cheats to banish those multiface blues

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Willy is superbly playable. soundtrack and real playability

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. Head Over He - simply one of the best games

you're likely to play

original versions, the graphics, sound before, and my sentimental old heart. yould like to think that Head Over Heels couldn't bury tedious games beneath a in order to make them self. Much more than just another nostalgia trip, Mead Over Neels is

ALL TOGETHER NOW

compliation. Surely it's time for another tolow-up The Creat Prices are \$29.99

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More enjoyable as a one-player same then most others of this ils. Zerv

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CORPORATE

DEFINITION OF FRAUDULENT Because both hacking and viruses may not be

Over 1,500 private and public sector organisations

Hacking OUT, Viruses IN, ran the headline in Express' recent investigation into computer fraud and abuse. But what other facets of fraud are on the increase? Stuart Clarke investigates...

budgets of the 1,500 companies concerned. Looked at

The 1991 report showed that over a third of all frauds were committed by directors, managers and supervisors!

Another reason the figures seem to be low in

Secondly, this figure of a \$557 loss per company So besides being compounded by the fact that not

· Thirty five POST HELD BY PERPETRATORS

SUFFERING THE SCAM As might be expected, most reported instances of

Traditionally, most fraud comprised the

FRAUD BEGINS AT HOME Most flouds are still being perpetuated through the

Others



by managers who committed frouds, 90 per

per cent of

CONFESSION

ANALYSIS OF INCIDENTS BY VALUE AND TYPE

	1990	1987		1984		
	CASES	LOSS	CASES	LOSS	CASES	LOSS
FRAUDS	73	£1,102,642	62	\$2,526,751	60	\$1,131,186
THEFT	27	£1,000	22	234,500	17	£2,301
HACKING	26	231,500	35	0012		
VIRUSES	54	E5,000				
	180	\$1,140,142	118	\$2,561,351	77	£1,133,487

problem is difficult to ascertain. However, it seems that

THE NEW THIEF

Over half of senior managers who use

microcomputers at work copy illegal software

THE GROWTH OF THE VIRUS

THE DEMISE OF HACKING?

computer virus at large. However, in 1990 the well

MOST COMMON PREVENTATIVE MEASURES

reported AIDS virus - which asked users to send

sings, which caused no damage or direct loss, was

PREVENTATIVE MEASURES

3) All staff should receive computer awareness

White the recommendations of the 1987 report. are simply not aware of the risks that they run.

ANALYSIS OF REPORTED



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